

ABSTRACT

A process for the preparation of an optical information recording medium comprises superposing two optical information recording substrates having an uneven surface of recorded pits and/or grooves on each other through a photo-curable adhesive sheet comprising a photo-curable composition which comprises a reactive polymer having a photopolymerizable functional group and Tg of not more than 20°C, the photo-curable adhesive sheet having a light transmittance of not less than 70% in a wavelength range of 380 to 420 nm, such that the two uneven surfaces face each other, depressing the substrates and sheet to form a laminate, and curing the laminate by light. A process for the preparation of an optical information recording medium comprises placing a photo-curable transfer sheet comprising a photo-curable composition which comprises a reactive polymer having a photopolymerizable functional group and Tg of not more than 20°C on an optical information recording substrate having an uneven surface of recorded pits and/or grooves such that one side of the photo-curable transfer sheet is in contact with the uneven surface of the optical information recording substrate, depressing the sheet and substrate to form a laminate in which the one side of the photo-curable transfer sheet adheres closely to the uneven surface, and exposing the photo-curable transfer sheet of the laminate to ultraviolet rays to cure the transfer sheet. A photo-curable transfer sheet comprises a photo-curable composition which comprises a reactive polymer having a photopolymerizable functional group and which is capable of deforming by application of pressure, at least one side of the photo-curable transfer sheet having a surface roughness (Ra) of not more than 30nm.